

## EAST Search History

| Ref # | Hits  | Search Query   | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|-------|--|--|------------------|---------|---------------------|
| S1    | 0     | "10556236" pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR               | ON      | 2008/10/29<br>14:33 |
| S2    | 5     | ("2006028435").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR               | OFF     | 2008/10/29<br>14:34 |
| S3    | 2     | ("20060284351").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR               | OFF     | 2008/10/29<br>14:35 |
| S4    | 8     | US-4839049-\$.D.ID. OR US-3893917-\$.D.ID. OR US-4257810-\$.D.ID. OR US-4024212-\$.D.ID. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2008/10/29<br>14:55 |
| S5    | 29    | ((RUDOLPH) near2 (OLSON)).INV.   | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/10/29<br>14:56 |
| S6    | 0     | S5 same pore same filt\$4 same mortal  | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/10/29<br>15:09 |
| S7    | 0     | S5 same pore same filt\$4 same mortal  | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/10/29<br>15:09 |
| S8    | 0     | S5 same pore same filt\$4  | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/10/29<br>15:09 |
| S9    | 0     | S5 and pore same filt\$4 same mortal   | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/10/29<br>15:09 |
| S10   | 2     | ((PATRI CIA) near2 (STEPPE)).INV.  | EPO; JPO;<br>DERWENT                               | OR               | ON      | 2008/10/29<br>15:20 |
| S11   | 2     | ((PATRI CIA) near2 (STEPPE)).INV.  | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/10/29<br>15:20 |
| S12   | 0     | "264"/\$.ccls. same filter\$   | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/10/29<br>15:32 |
| S13   | 0     | "264"/\$.ccls. same filter   | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/10/29<br>15:32 |
| S14   | 13098 | "264"/\$.ccls. and filter  | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/10/29<br>15:32 |
| S15   | 3228  | "264"/\$.ccls. and filter and ceramic\$  | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/10/29<br>15:33 |
| S16   | 778   | "264"/\$.ccls. and filter and ceramic\$ and molten                                       | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/10/29<br>15:33 |
| S17   | 194   | "264"/\$.ccls. and filter and ceramic\$ and molten and psi                               | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/10/29<br>15:34 |
| S18   | 152   | "264"/\$.ccls. and filter and ceramic\$ and molten and psi and density                   | US-PGPUB;<br>USPAT; USOCR                          | OR               | ON      | 2008/10/29<br>15:34 |

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| S19 | 96 | "264"/\$.ccls. and filter and ceramic\$ and molten and psi and density and alumina                                    | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2008/10/29<br>15:35 |
| S20 | 27 | "264"/\$.ccls. and filter and ceramic\$ and molten and psi and density and alumina and surfact\$3                     | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2008/10/29<br>15:35 |
| S21 | 10 | "264"/\$.ccls. and filter and ceramic\$ and molten and psi and density and alumina and surfact\$3 and shear same rate | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2008/10/29<br>15:36 |
| S22 | 8  | S21 and @py< "2004"   | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2008/10/29<br>15:36 |
| S23 | 10 | "264"/\$.ccls. and filter and ceramic\$ and molten and psi and density and alumina and surfact\$3 and shear same rate | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2009/03/16<br>11:10 |
| S24 | 8  | S23 and @py< "2004"   | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2009/03/16<br>11:10 |
| S25 | 0  | S24 and velocity  | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2009/03/16<br>11:10 |
| S26 | 7  | S24 and flow  | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2009/03/16<br>11:10 |
| S27 | 26 | filter\$4 same density same compressive same alumina  | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2009/03/16<br>13:40 |
| S28 | 21 | S27 and @py< "2004"   | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2009/03/16<br>13:40 |
| S29 | 8  | S28 and theoretical   | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2009/03/16<br>13:41 |
| S30 | 0  | pore same media same filter\$4 same molten same metal same ceramic same density same compressive                      | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2009/03/16<br>13:45 |
| S31 | 96 | pore same media same filter\$4 same molten same metal   | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2009/03/16<br>13:46 |
| S32 | 0  | pore same media same filter\$4 same molten same metal same density same compressive                                   | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2009/03/16<br>13:46 |
| S33 | 19 | pore same media same filter\$4 same molten same metal same density  | US-PGPUB;<br>USPAT; USOCR                | OR | ON  | 2009/03/16<br>13:46 |
| S34 | 0  | ("2006/0266714").URPN.  | USPAT                                    | OR | ON  | 2009/03/16<br>13:56 |
| S35 | 8  | ((("4024212") or ("6210612") or ("6245698")).PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/03/16<br>14:00 |

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| S36 | 1       | S35 and density and flow   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/03/16<br>14:01 |
| S37 | 0       | ("2006/0266714").URPN.   | USPAT  | OR | ON  | 2009/03/16<br>14:03 |
| S38 | 13      | ((("3451842") or<br>("3893917") or<br>("4040998") or<br>("4887795") or<br>("5407001")).PN. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | OFF | 2009/03/16<br>14:16 |
| S39 | 2       | ("20040099611").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | OFF | 2009/03/16<br>14:24 |
| S40 | 0       | S39 and density and<br>compressive   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/03/16<br>14:24 |
| S41 | 0       | S39 and density  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/03/16<br>14:24 |
| S42 | 4       | US-4719013-\$.DID. OR US-<br>4258099-\$.DID.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/03/16<br>14:28 |
| S43 | 0       | ("2004/0099611").URPN.   | USPAT  | OR | ON  | 2009/03/16<br>14:48 |
| S44 | 2       | ("20060284351").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | OFF | 2009/03/16<br>14:48 |
| S45 | 0       | ("2006/0284351").URPN.   | USPAT  | OR | ON  | 2009/03/16<br>14:49 |
| S46 | 2       | ("20060266714").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | OFF | 2009/03/16<br>14:51 |
| S47 | 2       | ("5190897").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | OFF | 2009/03/16<br>14:52 |
| S48 | 2       | ("5785851").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | OFF | 2009/03/16<br>14:57 |
| S49 | 163793  | "264"/\$.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/03/16<br>15:13 |
| S50 | 2985    | S49 and density and<br>compressive   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/03/16<br>15:14 |
| S51 | 592     | S50 and alumina  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/03/16<br>15:14 |
| S52 | 2375950 | S51 filter\$4  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR | ON  | 2009/03/16<br>15:14 |

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| S53 | 173    | S51 and filter\$4  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/16<br>15:14 |
| S54 | 57     | S53 and theoretical  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/16<br>15:15 |
| S55 | 31     | S54 and psi  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/16<br>15:15 |
| S56 | 77     | "L334" and dimension\$2  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/16<br>15:15 |
| S57 | 26     | S55 and dimension\$2   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/16<br>15:15 |
| S58 | 14     | S57 and molten   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/16<br>15:16 |
| S59 | 68053  | filter same density samne<br>same compressive same<br>psi          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/16<br>15:27 |
| S60 | 1053   | S49 and S59  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/16<br>15:28 |
| S61 | 68107  | filter same density samne<br>compressive same psi<br>same velocity | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/16<br>15:28 |
| S62 | 1053   | S49 and S61  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/16<br>15:29 |
| S63 | 870    | compressive near1 yield  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/16<br>15:29 |
| S64 | 9864   | density near1 theoretical  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/16<br>15:30 |
| S65 | 51     | density near1 theoretical<br>same 12%                              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/16<br>15:30 |
| S66 | 1      | S63 and S64 and S65  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/16<br>15:31 |
| S67 | 14     | S63 and S64  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2009/03/16<br>15:31 |
| S68 | 287688 | B01D 39/20   | EPO; JPO;<br>DERWENT                     | OR | ON | 2009/03/16<br>15:53 |
| S69 | 180377 | Q04B 35/10   | EPO; JPO;<br>DERWENT                     | OR | ON | 2009/03/16<br>15:53 |
| S70 | 8      | S64 and S69 and S68  | EPO; JPO;<br>DERWENT                     | OR | ON | 2009/03/16<br>15:53 |

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| S71 | 61   | S59 and S69 and S68   | EPO; JPO;<br>DERWENT                     | OR | ON  | 2009/03/16<br>15:58 |
| S72 | 3763 | MOR and density   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2009/03/17<br>07:30 |
| S73 | 680  | MOR same density  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2009/03/17<br>07:30 |
| S74 | 9    | ((("3893917") or<br>("4257810") or<br>("4024212"))).PN.                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/03/17<br>07:37 |
| S75 | 10   | ((("3451842") or<br>("4040998") or<br>("5407001") or<br>("4887795"))).PN. | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/03/17<br>08:00 |
| S76 | 4    | ("3865758").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/03/17<br>08:15 |
| S77 | 0    | ("37766629").PN.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/03/17<br>08:16 |
| S78 | 3    | ("3766629").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/03/17<br>08:17 |
| S79 | 3    | ("4056586").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/03/17<br>08:24 |
| S80 | 6    | ((("6203593") or<br>("2003101644") or<br>("200218075"))).PN.              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/03/17<br>08:27 |

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